5.0 Megapixel Day/Night H.264 HD Outdoor Dome Camera



Avigilon's end-to-end surveillance solutions deliver image detail no other system can match. Avigilon Control Center software, featuring High-Definition Stream Management™ (HDSM™) technology combined with our broad range of megapixel cameras (from 1 MP to 29 MP) provide unprecedented clarity—while effectively managing storage and bandwidth requirements. Our components are scalable and can work together in an end-to-end system, or can be customized to create your own powerful and cost-effective solution.

The innovative H.264 HD dome camera is just one way Avigilon can help provide the very best monitoring and protection.





The 5.0MP H.264 HD outdoor dome camera is a great solution for monitoring both daytime and nighttime outdoor activities. It features an integrated lens for remote focus and zoom control and is ONVIF compliant for no-hassle integration. The 5.0MP dome camera operates on Avigilon's H3 platform, providing this model with improved low light performance and enhanced HDSM features. P-Iris control also allows the camera to automatically set its iris position to maximize image quality in all lighting conditions. This camera is extremely versatile and can work in almost any location, including banks, schools, retail outlets, municipal grounds and buildings, hotels, bars and restaurants.

KEY FEATURES

5.0 megapixel progressive scan CMOS sensor

Unsurpassed image quality

Available with 3-9 mm F1.2 or 9-22 mm F1.6 P-Iris lens with remote focus and zoom

13 images per second at full resolution

69dB true dynamic range

H.264 and Motion JPEG compression

ONVIF compliant API

Multiple video streams

Automatic exposure control and iris control

Automatic removable IR cut filter for IR sensitivity at night

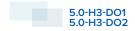
Power over Ethernet, 24 VAC or 12 VDC power input

Audio Input and Output

Analog Video Output

External I/O

Vandal resistant construction and IP66 compliant



Specii	ications		
CAMERA		5.0-H3-D1	5.0-H3-D2
	Image Sensor	1/3.2" progressive scan CMOS	
	Active Pixels	2592 (H) x 1944 (V)	
	Imaging Area	4.6 mm (H) x 3.4 mm (V) (0.181" (H) x 0.133" (V))	
	Minimum Illumination	0.3 lux (F1.2) in color mode; 0.03 lux (F1.2) in monochrome mode	0.6 lux (F1.6) in color mode; 0.06 lux (F1.6) in monochrome mod
	Dynamic Range	69 dB	
	Lens	3-9 mm, F1.2, P-Iris, remote focus and zoom	9-22 mm, F1.6, P-iris, remote focus and zoom
	Angle of View	28° - 84°	12° - 28°
	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG	
	Image Rate	13 (at full resolution), 30 (at 1920 x 1080 or smaller)	
	Streaming	Multi-stream H.264 and Motion JPEG	
	Resolution Scaling	Down to 480 x 360	
	Motion Detection	Selectable sensitivity and threshold	
	Electronic Shutter Control	Automatic, Manual (1/6 to 1/8000 sec)	
	Iris Control	Automatic, Manual	
	Day/Night Control	Automatic, Manual	
	Flicker Control	50 Hz, 60 Hz	
	White Balance	Automatic, Manual	
	Privacy Zones	Up to 4 zones	
	Audio Compression Method	G.711 PCM 8 kHz	
	Audio Input	Line input, A/V mini-jack (3.5 mm)	
	Audio Output	Line level, A/V mini-jack (3.5 mm)	
	Video Output	NTSC/PAL, A/V mini-jack (3.5 mm)	
	External I/O Terminals	Alarm In, Alarm Out	
NETWORK	Network	100BASE-TX	
	Cabling Type	CAT5	
	Connector	RJ-45	
	API	ONVIF compliant (www.onvif.org)	
	Security	Password protection, HTTPS encryption, digest authentication, WS authentication, user access log.	
	Protocol	IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, Zeroconf, ARP	
	Streaming Protocols	RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP	
MECHANICAL	Dimensions (ØxH)	152 mm x 109 mm (6.0" x 4.3")	
	Weight	1.2 kg (2.6 lbs)	
	Dome Bubble	Polycarbonate, clear	
	Body	Aluminum	
	Housing	Surface mount, vandal resistant	
	Finish	Powder coat, cool gray 2	

 360° pan, 180° tilt, 360° azimuth

PoE: IEEE802.3af Class 3 compliant

-30°C to +50°C (-22°F to 122°F) -10°C to +70°C (14°F to 158°F)

20 - 80% Relative humidity (non-condensing)

EN 60950-1

EN 61000-4-4

EN 61000-4-5

5.0 Megapixel Day/Night H.264 HD 3-9mm Outdoor Dome Camera

CE

VDC: 12 V VAC: 24 V

UL 60950

Class B

EN 55024

EN 61000-4-2

EN 61000-4-3

CSA 60950

IK10 Impact Rating

FCC Part 15 Subpart B

2-pin terminal block

9 W

Adjustment Range

Power Consumption

Operating Temperature

Electromagnetic Emissions

Electromagnetic Immunity

Storage Temperature

Power Connector

Humidity Safety

5.0-H3-DO1

Power Source

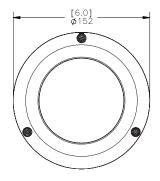
ELECTRICAL

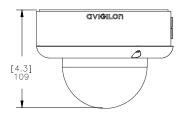
ENVIRONMENTAL

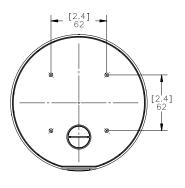
CERTIFICATIONS

ORDERING

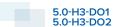
Outline **Dimensions**







[X.X]	INCHES
X	MM



ROHS

WFFF

EN 55022 Class B

EN 61000-4-6

EN 61000-4-11

Meets IP66 Weather Rating

IC ICES-003 Class B